



4

Planning Commission Study Session

TO: PLANNING COMMISSION / DESIGN REVIEW BOARD

FROM: STEPHANIE BUBENHEIM, PLANNER II *SB*
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THROUGH: CATHERINE LORBEER, AICP, PRINCIPAL PLANNER *chl*
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MEETING DATE: OCTOBER 2, 2019

SUBJECT: DR19-117, COPENHAGEN EAST VALLEY

STRATEGIC INITIATIVE: Exceptional Built Environment

Broaden the mix of unique shopping options in the SanTan Village area.

RECOMMENDED MOTION

Request for input only. No motion required.

APPLICANT

Company: Bowman Consulting
Name: John J. Gray
Address: 1295 W. Washington St. Ste. 108
Tempe, AZ 85281
Phone: 480-559-8351
Email: jgray@bowmanconsulting.com

OWNER

Company: San Tan Development Group
Name: Ty Lesueur
Address: 3850 E. Baseline Rd. Ste. 114
Mesa, AZ 85206
Phone: 480-424-3424
Email: ty@lesueurinvestments.com

BACKGROUND/DISCUSSION

History

Date	Description
<i>January 5, 1999</i>	Town Council approved Z98-27 adopting Ordinance No. 1142 for approximately 522.68 acres for the Crossroads Center PAD with an underlying zoning designation of C-2 (General Commercial).
<i>November 16, 1999</i>	Town Council approved Z99-41 adopting Ordinance No. 1230 to add 63 acres to Crossroads Center PAD, in addition to adding new conditions, and amending the Development Plan.
<i>May 19, 2011</i>	Town Council approved Z11-10 adopting Ordinance No. 2326 to remove approximately 19 acres from the Crossroads Center PAD and rezone to conventional Regional Commercial (RC) zoning (Parcel C).
<i>August 3, 2011</i>	Planning Commission approved UP11-07 and for multi-family housing in a Regional Commercial zoning district.
<i>August 11, 2011</i>	Design Review Board approved DR11-08 for a 382 unit multi-family development.
<i>December 6, 2017</i>	Planning Commission approved DR17-1121 Tru Hotel and a master site plan that includes the subject site.

Overview

Copenhagen East Valley is a Danish furniture store proposing its second east valley location within the San Tan Village Marketplace area located at the northeast corner of Santan Village Parkway and Coronado Road, just southwest of the Tru Hotel property. Copenhagen will be a 31,024 sq. ft. single story building centered on the 2.68 acre site.

The subject site is conventionally zoned Regional Commercial (RC) and was removed from the Crossroads Center PAD in 2008 but still embodies the intent, character and design aesthetics of the San Tan Village area. The site is part of the master sign program and the Santan Village right-of-way landscape requirements that presents a unique character area within the Town of Gilbert.

Surrounding Land Use & Zoning Designations:

	Existing Land Use Classification	Existing Zoning	Existing Use
North	Regional Commercial	Regional Commercial (RC)	Redstone at San Tan Village Apartments and Tru Hotel
South	Regional Commercial	Regional Commercial (RC) PAD	San Tan Regional Mall
East	Regional Commercial	Regional Commercial (RC) PAD	Tru Hotel, Santan Village Parkway and then San Tan Regional Mall
West	Regional Commercial	Regional Commercial (RC) PAD	Coronado Road, then vacant property
Site	Regional Commercial	Regional Commercial (RC)	Vacant

Project Data Table

Site Development Regulations	Required per LDC	Proposed
Maximum Building Height	55'	27'
Minimum Setback		
Front to ROW	25'	25'
Side to ROW	20'	105' 2"
Side to non-residential	0' internal to site*	54' 10"
Rear to non-residential	20'	43'
Minimum Required Perimeter Landscape Area		
Front to ROW	25'	25'
Side to ROW	20'	20'
Side to non-residential	20'	n/a
Rear to non-residential	20'	20'
Landscaping (% of net lot area)	15%	26.5%

* may be reduced internal to site in conformance with LDC Section 2.304.E.

DISCUSSION

The site has an existing shared right in/right out driveway entrance and drive aisle with Tru Hotel along Santan Village Parkway; the Copenhagen site proposes an additional full motion access point along Coronado Road. The building is placed at the center of the site with parking lining the building and a drive aisle at the rear. A loading dock is proposed at the northeast corner of the building. The site will also provide a pedestrian connection to the apartment complex to the north as part of the Conditional Use Permit approval for the apartment complex. The pedestrian route to Santan Village Parkway will have enhanced amenities such as planters and pedestrian scale lighting and will be located next to the terrace and landscape node area on the east side of the building. A sculpture art area is also proposed at the front entrance along Santan Village Parkway.

The project has completed first review and therefore additional comments, beyond what are included in this report, may be brought forward for discussion during the study session meeting.

Landscape

The landscape palette for Copenhagen is following the Santan Village right-of-way approved landscape palette and design. A monument sign is proposed at the corner of Coronado and Santan Village that will match other Santan Village Marketplace landscape design of turf and annual plantings. The site will be 26.5% landscaped exceeding the requirements of the RC zoning district. A pedestrian access will be provided from the apartment to the north along the east side of the Copenhagen building to San Tan Village Parkway, additional landscape amenities along this path including raised planters, pedestrian scaled lighting and trees will be provided along this strategic access point provided for residents for ease of access to the commercial development and greater San Tan Village area. *First review comments include providing additional trees along the perimeter and street side to meet landscape requirements and providing additional foundation landscape along the front and rear elevations of the building.*

Grading and Drainage

The proposed grading and drainage plan generally meets the requirements of the Town of Gilbert's Engineering Division. Some surface retention will be provided along the north property line with underground storage tanks proposed under the parking fronting Santan Village Parkway.

Elevations, Floor Plan, Colors and Materials

The architectural style of the building is contemporary/modern to reflect the business model and modern design of the furniture that is sold by Copenhagen. The proposed color palette includes two shades of gray with a red accent that is signature to the Copenhagen brand. Commercial design guidelines note that the use of bright colors such as red should be justified by the overall design and be used as accent colors. The front entrance of the building provides a decorative metal accent wall and large floor to ceiling windows flanking two sides. There are various modern linear windows placed on the front and side elevations. Color blocking is used to break up the shades of gray on the building as well as a large awning on the east side of the main entrance and a red terrace on the east side of the building. *First review comments from staff include incorporating more colors and stone that are reflective of the San Tan Marketplace area color and materials palette. Varying the building's parapet height and adding articulation to help with the massing of the building.*

Lighting

Parking lot light pole, wall mounted lighting proposed and recessed can lighting under entrance and terrace areas are proposed on the site. The pedestrian connection from the apartment site will have 12' high modern light poles. Landscape and monument sign lighting are also included in the submittal. All site lighting will be required to comply with Town codes. *First review comments include using the same style of parking lot light poles as Tru Hotel as the driveway entrance is shared and acts as a shared parking lot.*

Signage

The site is part of the San Tan Village Master Sign Program. A San Tan Village entry sign is programmed at the signalized intersection of Santan Village Parkway and Coronado. The Tru Hotel site has an existing multi-tenant monument sign. *First review comments include using the correct sign type at the signalized intersection and moving building wall signage to not overlap architectural features.*

PUBLIC NOTIFICATION AND INPUT

The proposed project will require public notice as specified under Land Development Code (LDC) Section 5.602.A.3.

REQUESTED INPUT

1. Colors and materials chosen and how they correlate with the San Tan Village Marketplace area.
2. The articulation and movement of the building.

Respectfully submitted,

Stephanie Bubenheim
Planner II

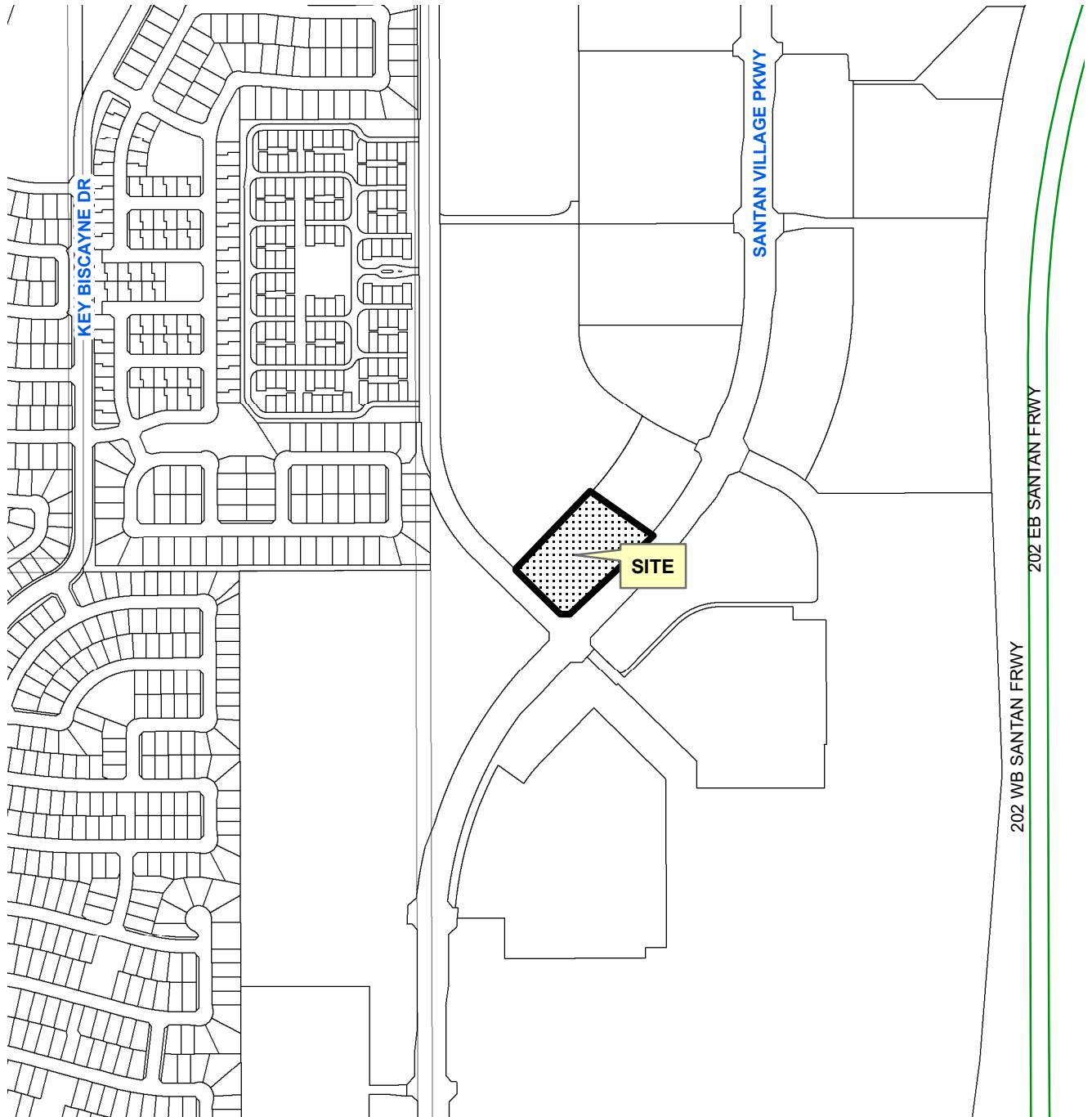
Attachments and Enclosures:

- 1) Vicinity Map
- 2) Aerial Photo
- 3) Site Plan
- 4) Landscape
- 5) Grading and Drainage
- 6) Colors and Materials
- 7) Elevations
- 8) Floor Plans
- 9) Lighting

DR19-117 Copenhagen East Valley

Vicinity Map

SITE LOCATION:



GILBERT

0 245 490 980 Feet





PROJECT DIRECTORY

ARCHITECT:
HISTORICSTREETSCAPES, PLLC
1711 EAST BROWN ROAD
MESA, ARIZONA 85203
CONTACT: RONALD PETERS
PHONE: (602) 309-3524
EMAIL: rlpeters@historicstreetscapes.com

OWNER:
COPENHAGEN IMPORTS INC.
1701 EAST CAMELBACK ROAD
PHOENIX, AZ 85016
PHONE: (602) 266-8061
E-MAIL: jens@copenhagenliving.com

SITE DATA

EXISTING ZONING: RC
PARCEL NUMBER: 304-41-959
NET SITE AREA: 2.68 ACRES (116,662 S.F.)
GROSS SITE AREA: 2.68 ACRES (116,662 S.F.)
PROPOSED USE: RETAIL-FURNITURE STORE

BUILDING AREA: 31,024 S.F.
TOTAL BUILDING AREA: 31,024 S.F.
SITE COVERAGE: 26.59%

PARKING REQUIRED: 31024/500 61
PARKING PROVIDED: 70
ACCESSIBLE SPACES PROVIDED: 4

LANDSCAPE DATA

OFF-SITE LANDSCAPE AREA: 0.051 ACRES (2,225 S.F.)
ON-SITE LANDSCAPE AREA: 0.71 ACRES (30,888 S.F.)
TOTAL LANDSCAPE AREA: 0.76 ACRES (33,113 S.F.)
LANDSCAPE SITE PERCENTAGE: 26.5%

Bowmar
CONSULTING

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Tempe, Arizona 85281
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www.bowmanconsulting.com
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SITE PLAN
COPENHAGEN
NWC CORONADO RD & SAN TAN VILLAGE PKWY
GILBERT, ARIZONA
MARICOPA COUNTY

PROJECT NUMBER



PLAN STATUS

DATE DESCRIPTION

HT HT JG

DESIGN DRAWN CHKD

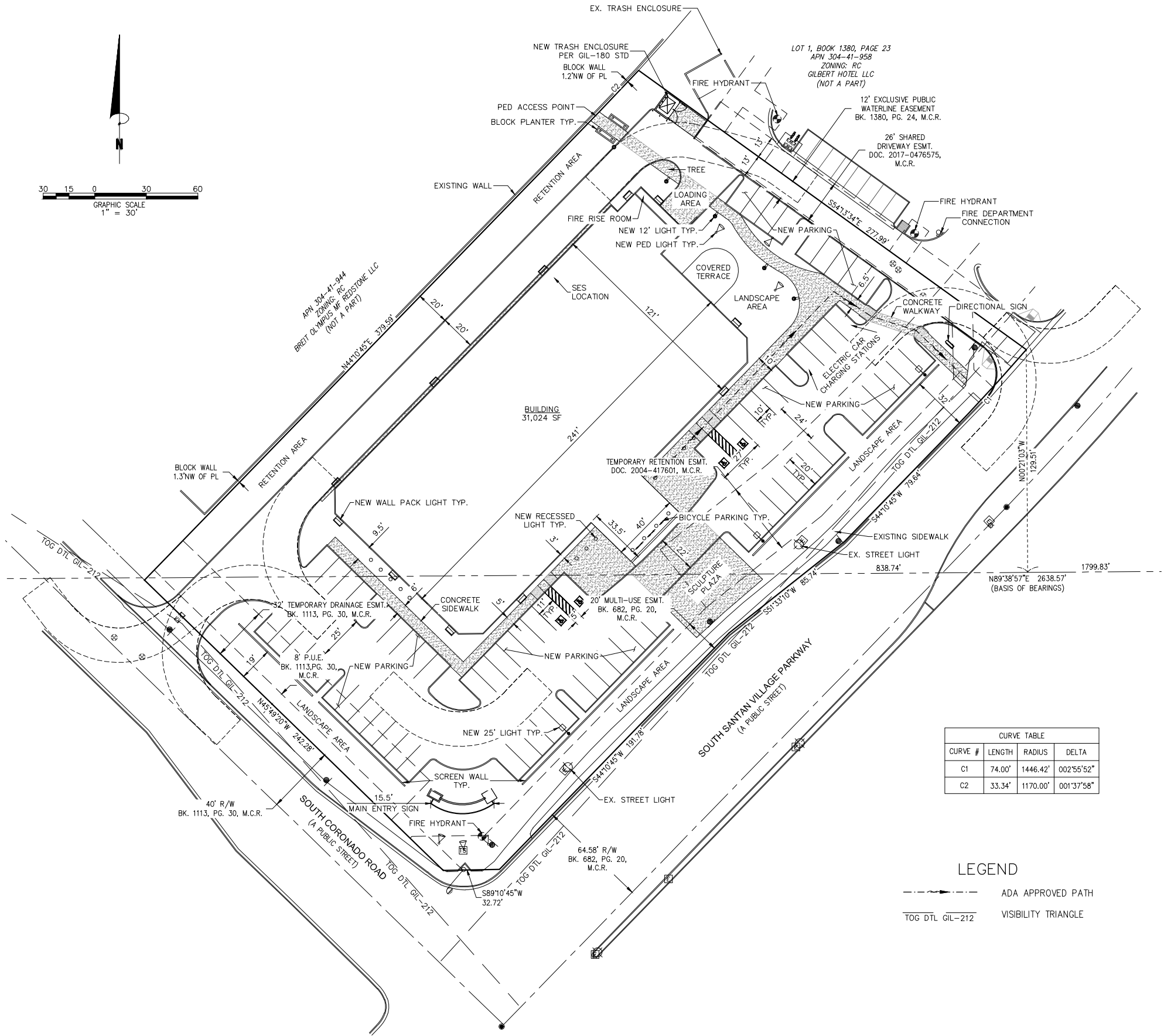
SCALE H: 1"=30'

V: 1"=30'

JOB No. 050378

DATE : 8/1/19

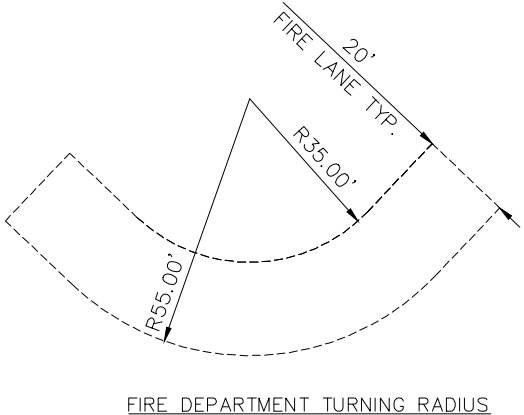
SHEET 1 OF 1



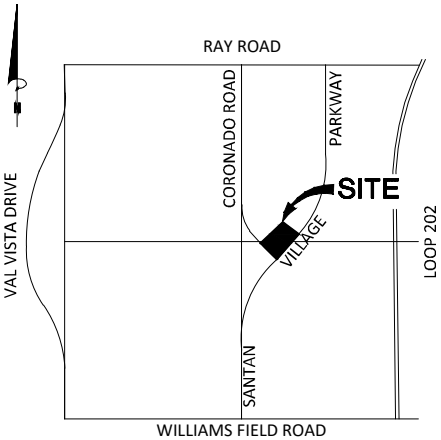
CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	74.00'	1446.42'	002°55'52"
C2	33.34'	1170.00'	001°37'58"

LEGEND

--- ADA APPROVED PATH
--- VISIBILITY TRIANGLE



FIRE DEPARTMENT TURNING RADIUS



VICINITY MAP

N.T.S.

EXISTING LANDSCAPE & IRRIGATION NOTES

1. Site verify all existing conditions prior to bidding. Any discrepancies are to be brought to the Landscape Architect immediately.
2. All plant material designated as "existing to remain" shall be protected during all phases of construction. Any tree that dies due to lack of water, lack of maintenance or care, neglect or vandalism shall be replaced by a like type tree, and equal tree size. At no additional cost to owner. Cacti that die shall be replaced with like type, height and size. All shrubs and groundcover shall be replaced with 5 gallon plants.
3. Landscape areas disturbed by new construction shall be repaired new decomposed granite matching existing. Blend all disturbed areas with undisturbed so there is smooth transition between all edges. Replace all disturbed, broken or damaged headers with matching type.
4. All existing plant material and adjacent plant material shall have uninterrupted watering during all phases of construction. This shall include but not be limited to; hand watering, temporary above ground irrigation, existing system, etc.
5. The existing irrigation system shall be protected, maintained and repaired during all phases of construction. The existing system is tied in adjacent properties. All equipment such as mainline, wires, lateral heads and etc. shall be repaired and replaced to maintain continuous and replaced to maintain continuous water.
6. Provide new schedule 40 sleeves at all new drives. (See sleeve schedule for size.) Any existing irrigation system is to be maintained at all times during construction and guarantee 100% coverage.
7. All existing trees to remain, shall be selectively pruned per Landscape Architects direction.
8. All existing shrubs within the sight distance lines and sight visibility triangles shall be selectively pruned to a maximum height of 30'.
9. All trees shall be lifted to clear height of 7'.
10. Landscape contractor and general contractor are responsible for locating all existing irrigation sleeves prior to setting any pavers and/or concrete.
11. Landscape contractor shall bore under existing sidewalk rather than saw cut to place new sleeves.

TOWN OF GILBERT NOTES:

1. A Town of Gilbert permit is required for the installation of any landscape or irrigation system. A CD with PDF format "AS-BUILTS" of the landscape and irrigation plans is also required.
2. Before the Town of Gilbert will accept an installed backflow device for approval, the following must be accomplished: The device must be tested by a State Certified Backflow Tester and the test results forwarded to the town of Gilbert Backflow Specialist. The Town will provide a current list of Certified testers from which to select. Testers fees will be at the expense of the installer.
3. Design of any walls, entry monument signage or ramadas that may be presented herein have been reviewed as conceptual only and will require a separate review and permit from the Building Department. In no case shall the dedicated walls, entry monument signage or ramadas be considered final. Approval by the Planning Department is required prior to the issuance of a Building Permit for said walls, entry monuments and ramadas.
4. No plant material shall come within 3 feet of fire hydrants or any Fire Department equipment.
5. No planting or objects within the Town of Gilbert sight visibility triangles shall exceed 2 feet. Trees shall have a 7 feet minimum clear canopy.
6. All trees, shrubs and groundcover shall meet or exceed Arizona Nursery Association (ANA) specifications.
7. Construction may begin after all permits have been obtained.
8. no plant material shall be placed 3' from any fire hydrant, or fire dept. connection (fdc) maintain a minimum vertical clearance of 15' where trees overhang the curb line.

MAINTENANCE NOTE:

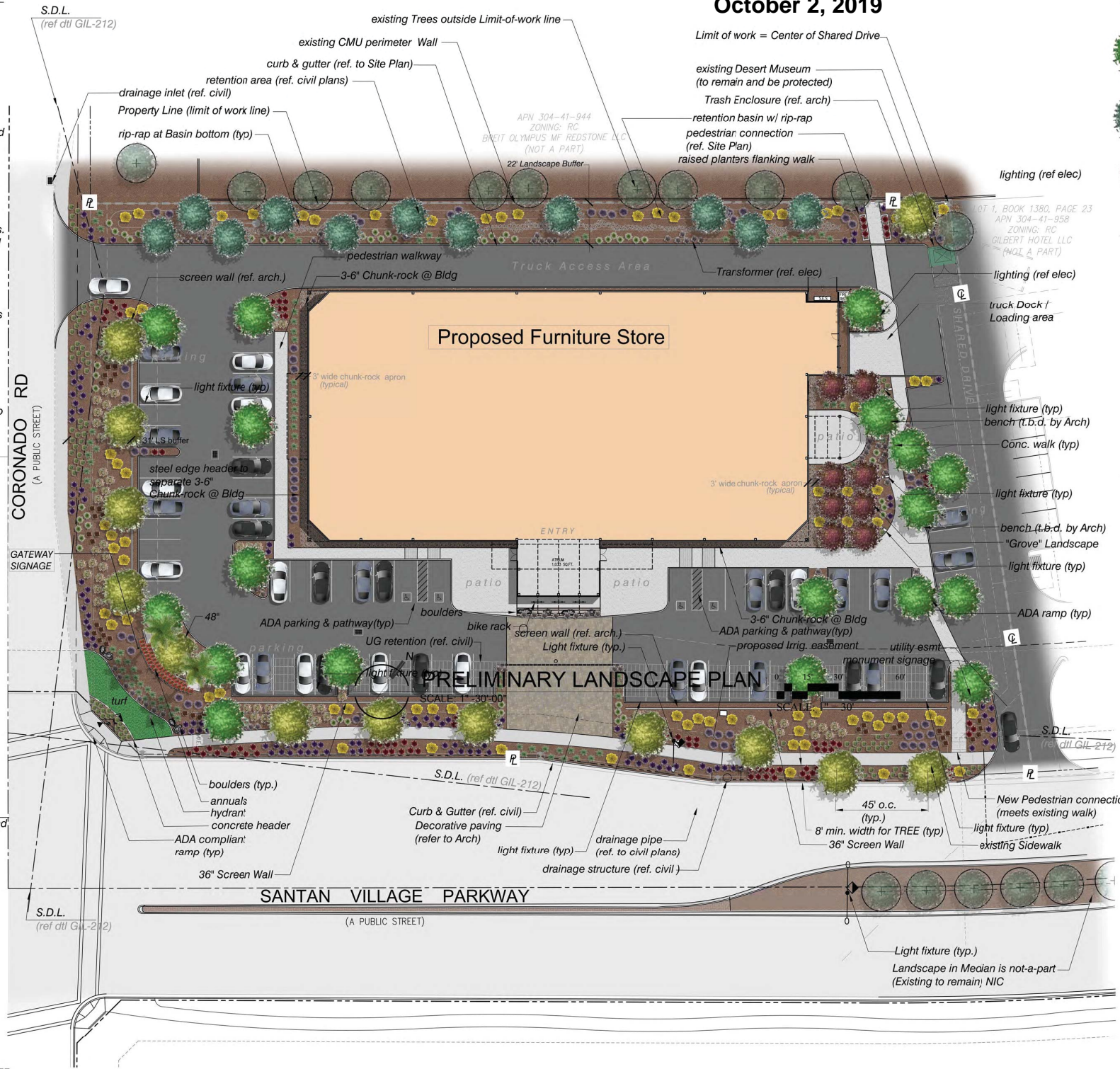
All landscape areas and materials shall be maintained in a healthy, neat, clean, and weed-free condition, this shall be the responsibility of the property owner. Construction and installation shall be in accordance with these plans and any deviations will require re-approval. Landscape installations shall be approved by the town of Gilbert inspection services before a certificate of occupancy can be issued.

GENERAL LANDSCAPE NOTES:

1. TREE CALIPERS FOR STANDARD (SINGLE) TRUNK TREES SHALL BE MEASURED AT THE WIDEST POINT WITHIN THE FIRST FOUR (4) TO SIX (6) INCHES ABOVE THE SOIL LINE, FOR TREES WITH FOUR (4) INCH CALIPER AND LESS; AND SIX (6) TO TWELVE (12) INCHES FOR TREES GREATER THAN FOUR (4) INCH CALIPER. TREE CALIPER FOR MULTI-TRUNK TREES SHALL BE MEASURED AT THE WIDEST POINT WITHIN THE FIRST SIX (6) INCHES ABOVE ORIGINATION POINT OF THE SECOND LARGEST TRUNK OR SIX (6) INCHES ABOVE GROUND IF ALL TRUNKS ORIGINATE FROM THE SOIL. CALIPER OF MULTIPLE TRUNK TREES SHALL BE DETERMINED BY TAKING THE AVERAGE CALIPER OF ITS TWO (2) LARGEST TRUNKS.
2. TREE CALIPER AND HEIGHT SHALL GOVERN OVER ANY OTHER PLANTING SIZE INFORMATION PROVIDED ON THE DRAWINGS. TREES SPECIFIED BY CONTAINER SIZES ONLY SHALL NOT BE ACCEPTED.
3. THE PROPERTY OWNER AND/OR LESSEE SHALL BE RESPONSIBLE TO INSTALL/MAINTAIN ALL LANDSCAPING WITHIN THE RIGHT-OF-WAY. ALL LANDSCAPING SHALL BE MAINTAINED EXCEPT FOR THE RIGHT-OF-WAY TREES WHICH ARE PART OF THE PUBLIC INFRASTRUCTURE LS AND NOT-A-PART.
4. A THREE (3) FOOT CLEAR SPACE IS REQUIRED AROUND ALL FIRE SUPPRESSION EQUIPMENT. NO PLANTS MAY BE INSTALLED THAT WILL ENCROACH UPON THIS CLEAR SPACE WHEN MATURE.

LANDSCAPE DATA -

Gross Site Area:	118,514 s.f. 2.72 Acres
Acreage:	
Gross Building Area:	31,261 s.f. = .72 Acres
Lot coverage Percentage	26.3%
Total on-site Parking	73 spots
Landscape on-site Area:	32,205 s.f. = .74 AC
Landscape as % of site:	
(Turf = 659 s.f. (total))	less than 2% of LS area
TOTAL Landscape Area:	32,205 S.F. (.74 AC.)



PRELIMINARY LANDSCAPE PLAN.

SCALE: 1" = 30'-00"

VICINITY MAP

NOT TO SCALE

LANDSCAPE LEGEND

ALL TREES MUST MEET OR EXCEED CURRENT ANA SPECIFICATIONS

TREES	SIZE	QTY
Quercus virginiana Heritage Live Oak	24" box	1
Cercidium x 'Desert Museum' Desert Museum	36" box u.o.n. standard 48" box standard	1 1
Dalbergia sissoo Sissoo Tree	24" box standard	1
Phoenix dactylifera Date Palm	20' t.f. diamond cut, matching	1
Chitalpa "Pink Dawn" Chitalpa	2" caliper (min) Matching,	1
Existing Tree to remain and be protected		

SHRUBS	SIZE	QTY
Nerium oleander "Petite Pink" Petite Pink Oleander	5 gallon	x
Caesalpinia Mexicana (Shrub form) Mexican Bird of Paradise	15 gallon	x
Leucophyllum frutescens "compacta" Compact Desert Sage	5 gallon	x
Agave weberii Webers Agave	5 gallon	x
Eremophila 'Valentine' Valentine Bush	5 gallon	x
Hesperaloe parviflora 'Perpa' Brakelights® Red Yucca	5 gallon	x
Dasyliro quadrangulatum Toothless Desert Spoon	5 gallon	x

GROUND COVER	SIZE	QTY
Lantana montevidensis New Gold & Purple Trailing Lantana	1 gallon	x
Ruellia brittoniana 'Katie' Purple 'Little Katie' Ruellia	1 gallon	x
Convolvulus cneureum Bush Morning Glory	1 gallon	x
Annuals	4" pot 8" o.c.	x
Mid-ron sod, hybrid bermuda		

INERT MATERIAL

Decomposed Granite - 1/2" screened - 2" min thickness
Table Mesa Brown in all landscape areas.
3" to 6" sized "Fractured Granite" Chunk Rock
color : Table Mesa Brown (enclosed by Steel Edge at grade)
4" x 6" Concrete Header at all turf and annual locations
Surface Select Granite Boulders 3'x3'x3' minimum size
(boulders to be minimum 1 ton in weight) bury a minimum of 1/3

PRELIMINARY LANDSCAPE NOTES

1. The entire site will be maintained in accordance with City of Gilbert Standards.
2. 60% of all trees will be 24" Box or larger.
3. An automatic irrigation system will be installed guaranteeing 100% coverage to all landscape areas.
4. 1/2" screened Table Mesa Brown 2" minimum thickness (submit sample to Landscape Architect for approval). Place in all non-river rock and non-lawn landscape areas.
5. All earthwork will be done so that all water drains away from sidewalks, structures and will not impede natural drainage easements.
6. Structures and landscaping within a triangle measured back 10' from property line and 20' along property line on each side of the driveway entrance will be maintained at a maximum height of 3'.
7. Granite Rip Rap 3" to 6" (Table Mesa Brown). Place at all curb cuts and down spouts to prevent erosion. (see Civil for quantities and location.)
8. All final landscape plans to meet City of Gilbert minimum standards for quantity and type.
9. Place arbor guards on all trees placed in turf areas.
10. Screen transformers and utility risers with landscape material.

BID & CONSTRUCTION NOTES:

1. All trees must meet or exceed the caliper, width and height at time of planting regardless of box size listed.
2. All trees to be tagged and approved at the nursery by the Landscape Architect a minimum of (6) months prior to planting.
3. Any trees may be rejected based on aesthetic quality and appearance.
4. Contractor to provide sample photos, specifications, quantities and location of trees to landscape architect a minimum of (1) one week prior to nursery visit for selection and review.
5. Landscape contractor to provide any deposit or retainers needed by nursery to retain trees for a period of (3) three months or more.

BLDG FOUNDATION LANDSCAPE & IRRIG NOTES:

1. Positive drainage of a minimum of 5% needs to be maintained from building exterior wall for a minimum of 10'.
2. NO irrigated plant materials are to be planted in the first 5' next to Building. Between 5' and 8'; only landscape materials that can be irrigated with a MAXIMUM of 1 GPH. NO emitters are to be located between the Buildings and the Plant material.
3. Any Plant Material, including turf and annuals, shall be at least 5' from outside of face of building.
4. ALL irrigation lines, other than those supplying individual emitters, shall be placed no closer than 5' to Building.
5. NO large trees are to be planted within a minimum of 10' from Buildings. Small patio trees with canopies of 10' or less may be planted at least 5 feet away from Buildings. Tree roots are to be discouraged to grow under Building Foundations.

263-1100
Call for the Blueprints



LASKIN & ASSOCIATES, INC.
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Phoenix, Arizona 85012
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f (602) 840-8021
www.laskindesign.com



Copenhagen at SanTan Village Parkway
Gilbert, Arizona

PRELIMINARY LANDSCAPE PLAN

DRAWN
hcs

CHECKED
hal

SHEET SCALE
1"=20'

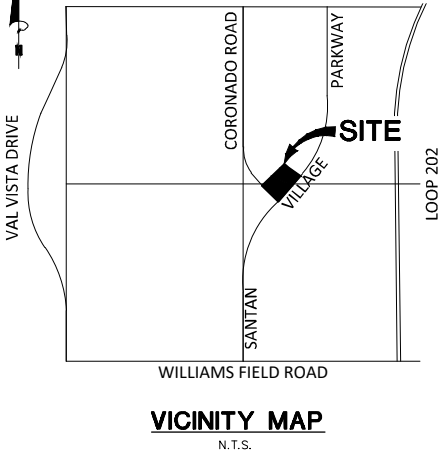
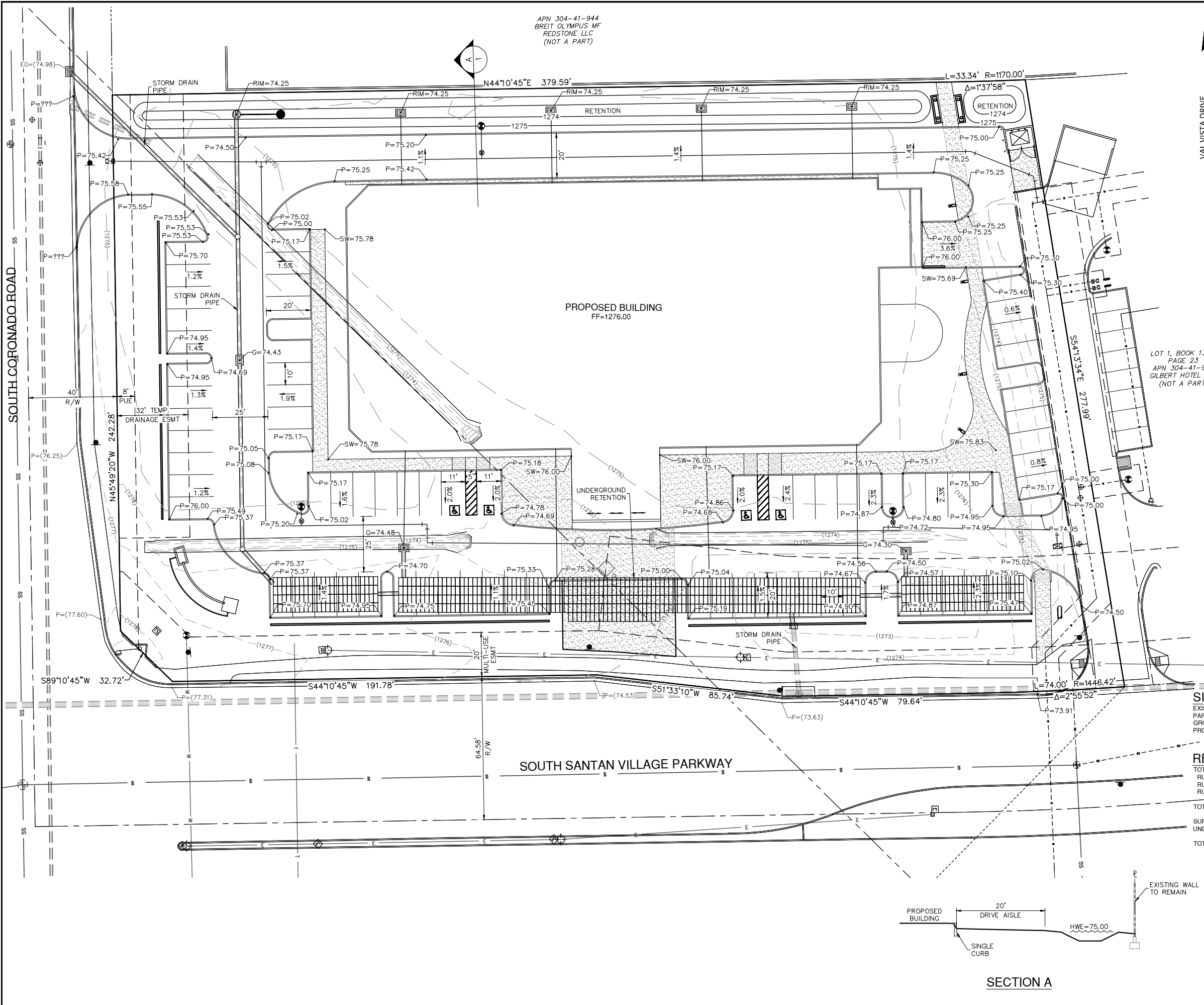
DATE
7/30/19

REVISIONS

CITY NUMBERS

PRELIMINARY
Landscape Plan

PL.1



ENGINEER
BOWMAN CONSULTING
1295 WEST WASHINGTON STREET
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TEMPE, ARIZONA 85281
PH: 480.629.8830
CONTACT: JOHN GRAY
EMAIL: JGRAY@BOWMANCG.COM

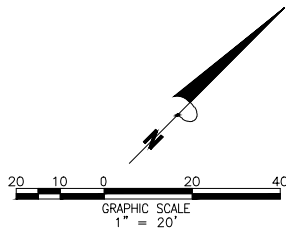
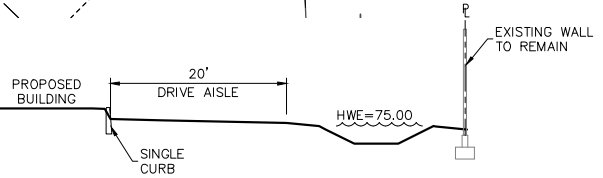
OWNER
COPENHAGEN IMPORTS INC.
1701 EAST CAMELBACK ROAD
PHOENIX, AZ 85016
PH: 602.266.8061
E-MAIL: JENS@COPENHAGENLIVING.COM

ARCHITECT
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1711 EAST BROWN ROAD
MESA, ARIZONA 85203
CONTACT: RONALD PETERS
PH: 602.309.6524
EMAIL: RLPETERS@HISTORICSTREETSCAPES.COM

SITE DATA
EXISTING ZONING: RC
PARCEL NUMBER: 304-41-959
GROSS/NET SITE AREA: 2.68 ACRES (116,662 SF)
PROPOSED USE: RETAIL

RETENTION TABLE

TOTAL DRAINAGE AREA	156,202 SF
RUNOFF COEFFICIENT: ROOF/CONCRETE	34,231 SF
RUNOFF COEFFICIENT: ASPHALT	89,881 SF
RUNOFF COEFFICIENT: DESERT LANDSCAPE	
TOTAL VOLUME REQUIRED	33,969 CF
SURFACE VOLUME PROVIDED:	3,261 CF
UNDERGROUND VOLUME PROVIDED:	30,708 CF
TOTAL VOLUME PROVIDED:	33,969 CF



Bowman
CONSULTING

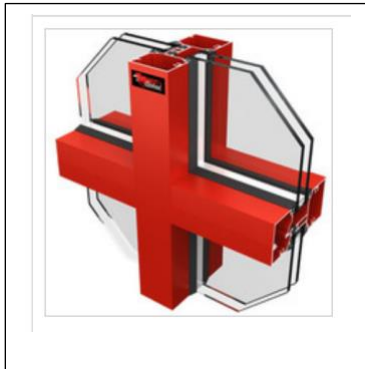
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Tempe, Arizona 85281
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© Bowman Consulting Group, Ltd.

GRADING & DRAINAGE PLAN
COPENHAGEN
NWC CORONADO RD & SAN TAN VILLAGE PKWY
GILBERT, ARIZONA
MARICOPA COUNTY

CIV19-0080	PROJECT NUMBER
22868	REGISTERED PROFESSIONAL ENGINEER
JOHN J. GRAY	DATE: 08/02/19
PLAN STATUS	
DATE	DESCRIPTION
CRS DESIGN	CRS DRAWN JG CHKD
SCALE	H: 1" = 20' V: NONE
JOB No.	050378-03-001
DATE	AUGUST 2019
SHEET	1 OF 1

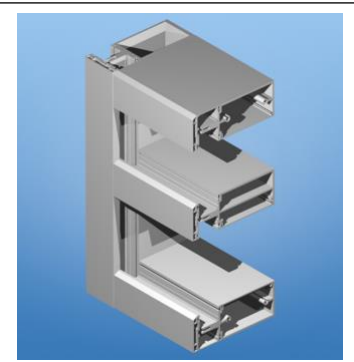
Copenhagen East Valley color board

2000 S San Tan Village Parkway Gilbert AZ. PA19-60



Cardinal Commercial Products
Window wall. Cardinal Red
DRS460009. A Hoskin & Muir Co.

Aluminum Curtin wall system by
Arcadia Glass, Clear Aluminum.
2.5"x 6" Thermal break unit.



SW 6868
Real Red
Interior / Exterior
Locator Number: 101-C6

Sherwin Williams Real Red ext.
paint SW6868 Building color.

Behr paint. Suede Gray PPU18-17
Building color

Suede Gray
PPU18-17

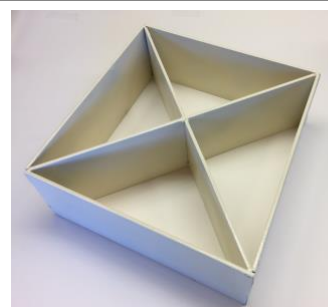


Cathedral Gray
PPU18-14



Behr paint Cathedral Gray PPU18-14
Building color.

Screen wall panel detail. Light
Gage steel painted finish



Billowy Down
780E-1

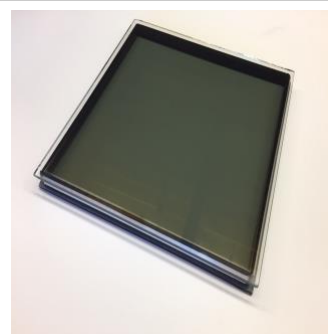


Behr paint. Billowy Down
780E-1 Screenwall color



One coat stucco exterior
finish by Sto Corporation.
Painted finish w colors above

Oldcastle Sealed insulated glass
(IG). Glass fabricator.
Exterior light Solargray
Interior light SunGuard
½ cavity air filled.



HISTORICSTREETSCAPES PLLC
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1711 E. BROWN ROAD
MESA, ARIZONA 85201
CELL PHONE - 602.309.3524



ARCHITECT

ENGINEER

COPENHAGEN EAST VALLEY

2500 SOUTH SAN TAN VILLAGE PARKWAY
GILBERT, ARIZONA 85295

1911 - Copenhagen East Valley

Keyed Elevations Notes:

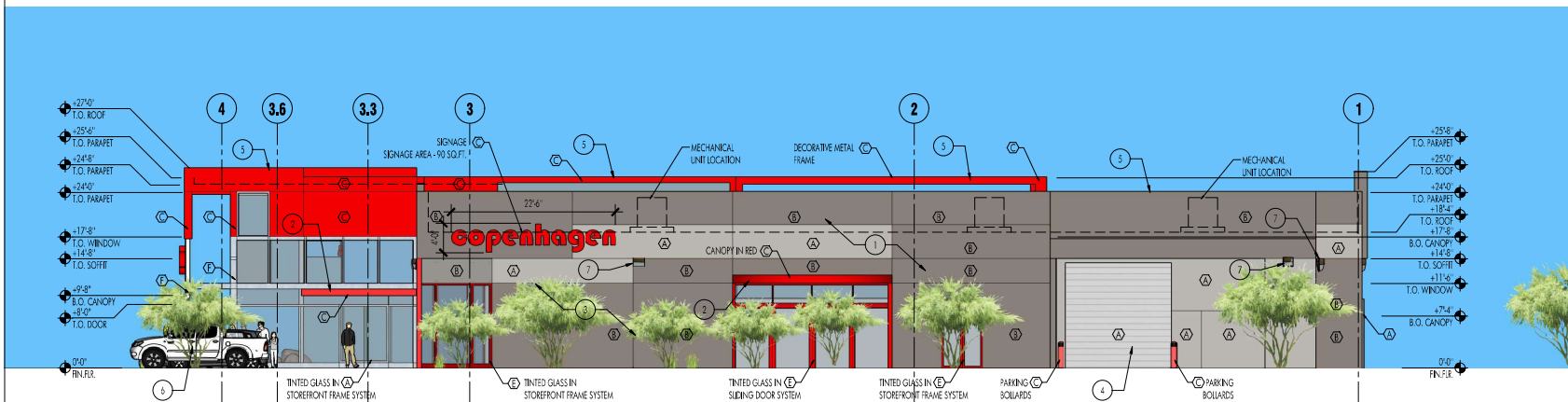
1. EXTERIOR WALL MATERIAL TO BE PAINTED ONE COAT STUCCO SYSTEM OVER WOOD FRAMED WALLS.
2. PAINTED STEEL CANOPY.
3. GALVANIZED STUCCO REVEALS.
4. PAINTED METAL OVERHEAD GARAGE DOOR.
5. PAINTED GALVANIZED CAP FLASHING AT ALL PARAPETS.
6. PAINTED STEEL SCREEN WALL SYSTEM. SEE DETAIL 1.
7. DARK BRONZE EXTERIOR WALL MOUNTED LIGHT FIXTURE. HEIGHT AT 14'-0" A.F.F.
8. DARK BRONZE PARKING LOT POLE MOUNTED LIGHT FIXTURE.

Material Legend:

	PAINTED IN REAL RED		PAINTED IN CATHEDRAL GRAY
	PAINTED IN BILLOWY DOWN		PAINTED IN SUEDE GRAY
	GLAZING: OLD CASTLE INSULATED GLAZING SYSTEM EXTERIOR LIGHT: SOLARGRAY INTERIOR LIGHT: SUNGUARD		CARDINAL COMMERCIAL PRODUCTS WINDOW WALL IN CARDINAL RED FINISH.
	ARCADIA GLASS ALUMINUM CURTAIN WALL SYSTEM IN CLEAR FINISH.		

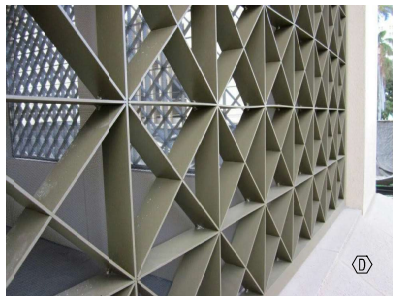
Material Color Schedule:

KEYED NO.	COLOR NAME	MANUFACTURER	MANUFACTURER COLOR CODE
(A)	CATHEDRAL GRAY	BEHR PAINT	PPU18-14
(B)	SUEDE GRAY	BEHR PAINT	PPU18-17
(C)	REAL RED	SHERWIN WILLIAMS	SW 6868
(D)	BILLOWY DOWN	BEHR PAINT	780E-1
(E)	CARDINAL RED	CARDINAL COMMERCIAL	DRS460009
(F)	CLEAR ANODIZED	ARCADIA GLASS	N/A



B northeast building elevation

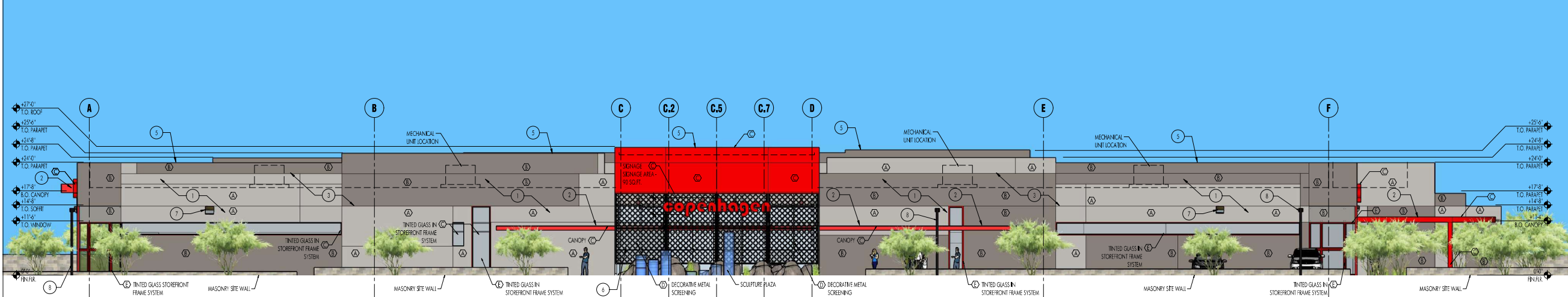
scale 3/32" = 1'-0"



1 enlarged steel screen sample

scale not to scale

Note: Not actual color. Actual steel screen to be painted Billowy Down.



A southeast building elevation

scale 3/32" = 1'-0"



REV.	DESCRIPTION	DATE

PROJECT NO.

1911

DATE

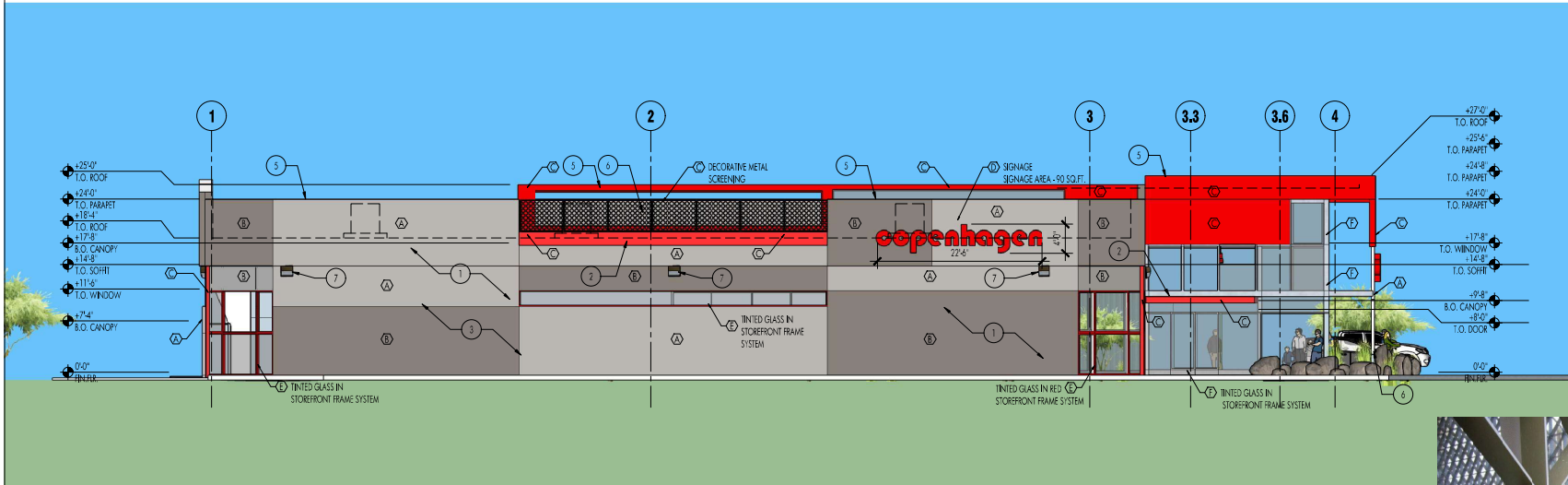
JULY 29th, 2019

DRAWING TITLE

BUILDING ELEVATIONS

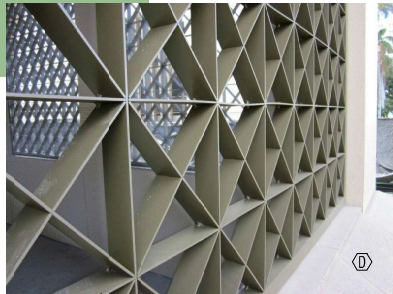
DRAWING NO.

A301



D southwest building elevation

scale 3/32" = 1'-0"



1 enlarged steel screen sample

scale not to scale

Note: Not actual color. Actual steel screen to be painted Bilowly Down.

Keyed Elevations Notes:

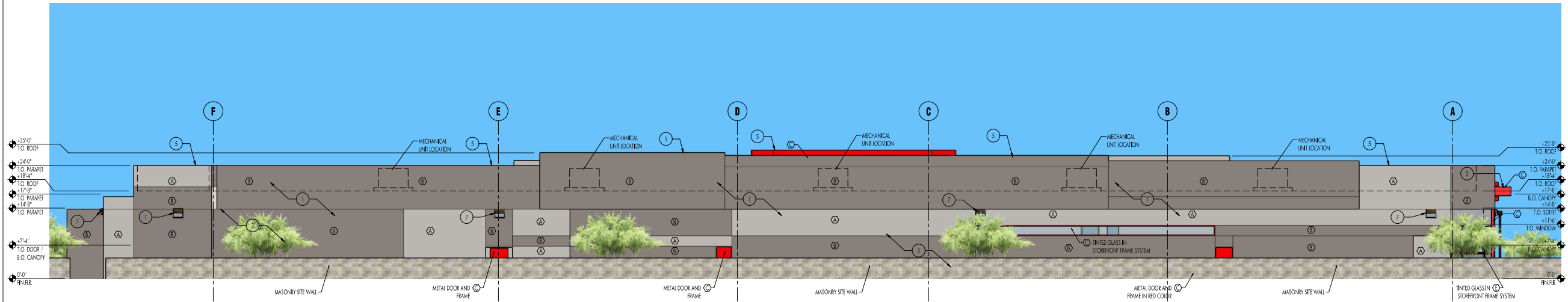
1. EXTERIOR WALL MATERIAL TO BE PAINTED ONE COAT STUCCO SYSTEM OVER WOOD FRAMED WALLS.
2. PAINTED STEEL CANOPY.
3. GALVANIZED STUCCO REVEALS.
4. PAINTED METAL OVERHEAD GARAGE DOOR.
5. PAINTED GALVANIZED CAP FLASHING AT ALL PARAPETS.
6. PAINTED STEEL SCREEN WALL SYSTEM. SEE DETAIL 1.
7. DARK BRONZE EXTERIOR WALL MOUNTED LIGHT FIXTURE. HEIGHT AT 14'-0" A.F.F.
8. DARK BRONZE PARKING LOT POLE MOUNTED LIGHT FIXTURE.

Material Legend:

	PAINTED IN REAL RED		PAINTED IN CATHEDRAL GRAY
	PAINTED IN BILLOWY DOWN		PAINTED IN SUEDE GRAY
	GLAZING: OLD CASTLE INSULATED GLAZING SYSTEM EXTERIOR LIGHT: SOLARGRAY INTERIOR LIGHT: SUNGUARD		CARDINAL COMMERCIAL PRODUCTS WINDOW WALL IN CARDINAL RED FINISH.
	ARCADIA GLASS ALUMINUM CURTAIN WALL SYSTEM IN CLEAR FINISH.		

Material Color Schedule:

KEYED NO.	COLOR NAME	MANUFACTURER	MANUFACTURER COLOR CODE
(A)	CATHEDRAL GRAY	BEHR PAINT	PPU18-14
(B)	SUEDE GRAY	BEHR PAINT	PPU18-17
(C)	REAL RED	SHERWIN WILLIAMS	SW 6868
(D)	BILLOWY DOWN	BEHR PAINT	780E-1
(E)	CARDINAL RED	CARDINAL COMMERCIAL	DRS460009
(F)	CLEAR ANODIZED	ARCADIA GLASS	N/A



C northwest building elevation

scale 3/32" = 1'-0"



HISTORICSTREETSCAPES PLLC
ARCHITECTURE, PLANNING, ART, HISTORIC PRESERVATION
1711 E. BROWN ROAD
MESA, ARIZONA 85201
CELL PHONE - 602.389.3524



ARCHITECT

ENGINEER

COPENHAGEN EAST VALLEY

2500 SOUTH SAN TAN VILLAGE PARKWAY
GILBERT, ARIZONA 85295

REV.	DESCRIPTION	DATE

PROJECT NO.

1911

DATE

JULY 29th, 2019

DRAWING TITLE

BUILDING
ELEVATIONS

DRAWING NO.

A302



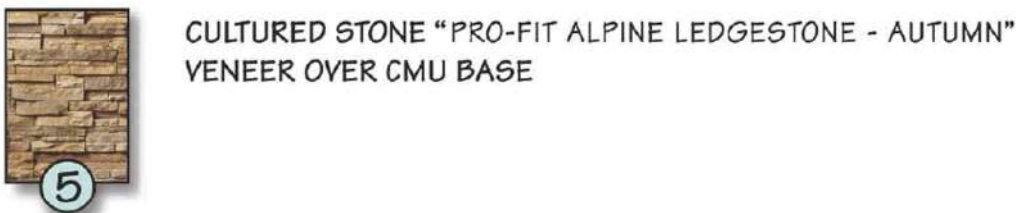
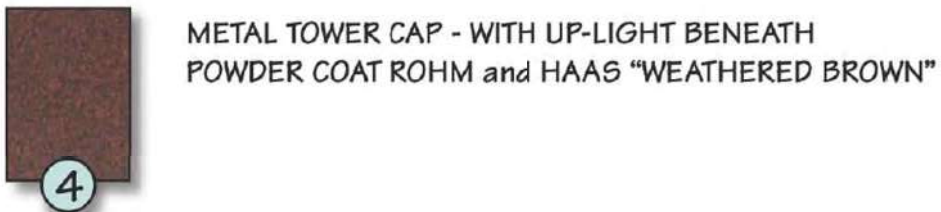
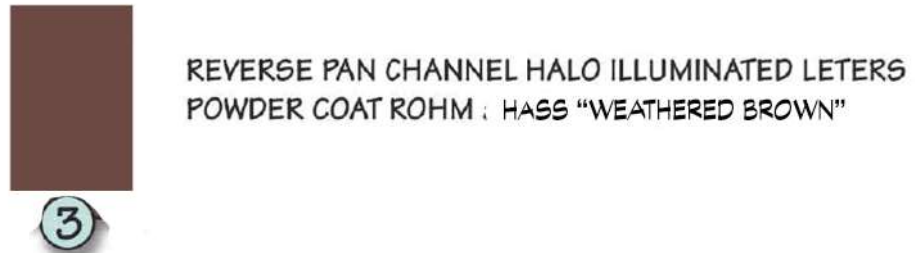
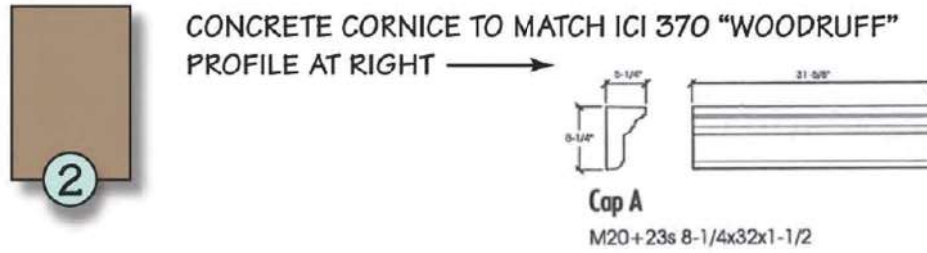
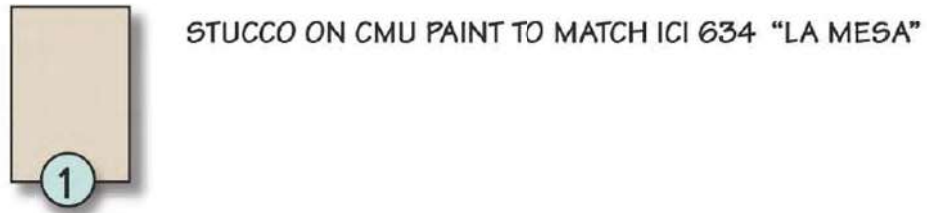
PERSPECTIVE VIEW FROM SAN TAN ENTRANCE.



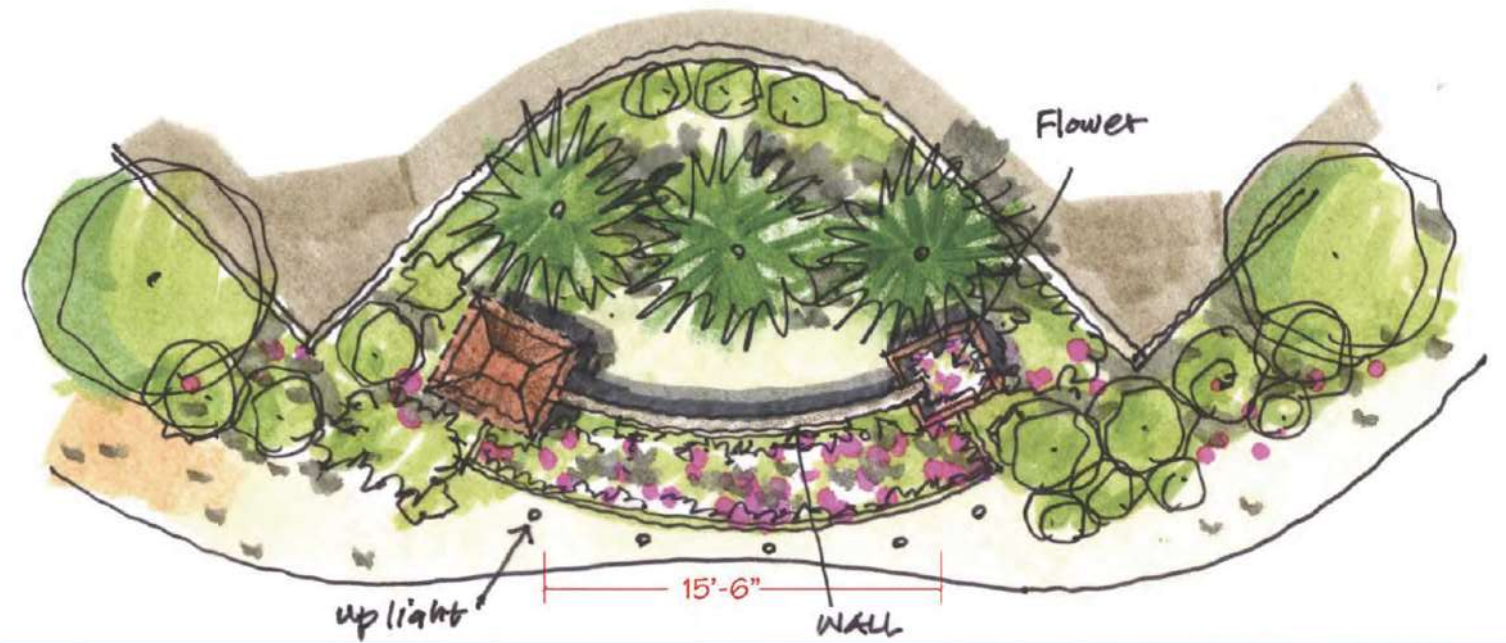
PERSPECTIVE VIEW FROM INTERSECTION OF CORONADO AND SAN TAN



PERSPECTIVE VIEW OF ENTRY ELEMENT.



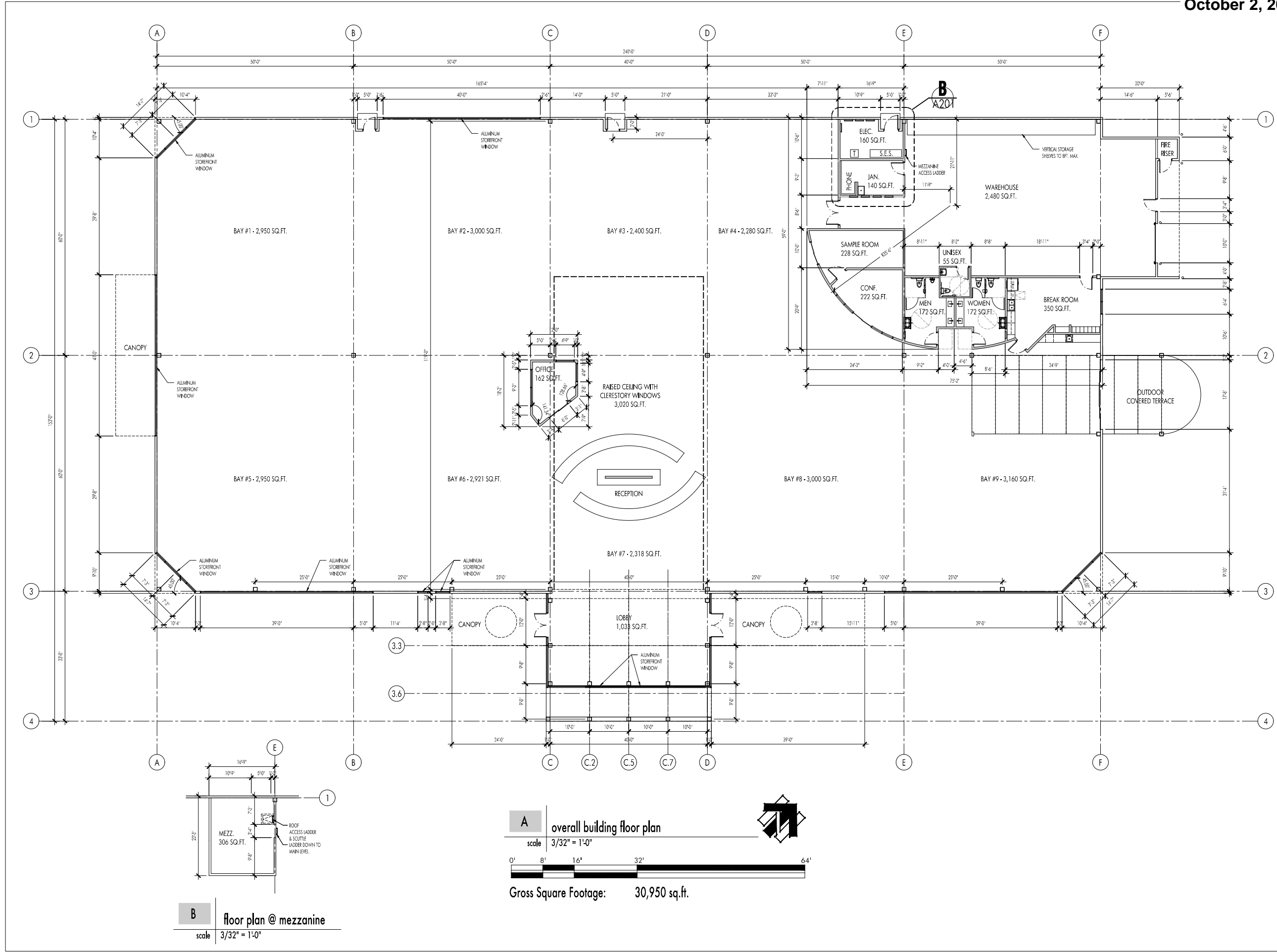
* Contact Ellermann Schick and Bruno Architects for construction document.



S-5 MAIN ENTRY WALL / SIGN
SCALE: 1/8" = 1'-0"

*UP-LIGHTING TOWER, METAL TOWER CAP AND PLANTER

Note: Sign is optional on this entry wall and requires master developer's prior approval.



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ARCHITECTURE, PLANNING, ART, HISTORIC PRESERVATION
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MESA, ARIZONA 85201
CELL PHONE - 602.309.3524



ARCHITECT

ENGINEER

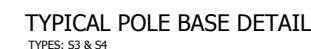
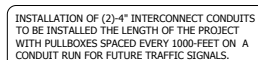
COPENHAGEN EAST VALLEY

2000 SOUTH SAN VILLAGE PARKWAY
CLUBB, ARIZONA 85295

REV.	DESCRIPTION	DATE

PROJECT NO.	1911
DATE	JULY 29th, 2019
DRAWING TITLE	BUILDING FLOOR PLAN
DRAWING NO.	A201

1911 - COPENHAGEN STORE



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PROPERTY LINE	Illuminance	Fc	0.07	0.8	0.0	N.A.	N.A.
SITE	Illuminance	Fc	1.49	12.3	0.0	N.A.	N.A.

DESCRIPTION

The Galleon™ Wall LED luminaire's appearance is complementary with the Galleon area and site luminaire bringing a modern architectural style to lighting applications. Flexible mounting options accommodate wall surfaces in both an upward and downward configuration. The Galleon family of LED products deliver exceptional performance with patented, high-efficiency AccuLED Optics™ providing uniform and energy conscious lighting for parking lots, building and security lighting applications.

SPECIFICATION FEATURES

Construction
Driver enclosure thermally isolated from optics for optimal thermal performance. Heavy wall aluminum housing die-cast with integral external heat sinks to provide superior structural rigidity and an IP66 rated housing. Overall construction passes a 1.5G vibration test to ensure mechanical integrity. UPLIGHTING: Specify with the UPL option for inverted mount upright housing with additional protections to maintain IP rating.

Optics
Choice of thirteen patented, high-efficiency AccuLED Optics. The optics are precisely designed to shape the distribution and maximize efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K, 5000K

and 6000K CCT. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 1200mA, 800mA, and 600mA drive currents.

Electrical
LED drivers are mounted for ease of maintenance. 120-277V 50/60Hz, 347V or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Drivers are provided standard with 0-10V dimming. An optional Eaton proprietary surge protection module is available and designed to withstand 10kV of transient line surge. The Galleon Wall LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Emergency egress options for -20°C ambient environments and occupancy sensor available.

Mounting
Gasketed and zinc plated rigid steel mounting attachment fits directly to 4" j-box or wall with the Galleon Wall "Hook-N-Lock" mechanism for quick installation. Secured with two captive corrosion resistant black oxide coated allen head set screws which are concealed but accessible from bottom of fixture.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty
Five-year warranty.



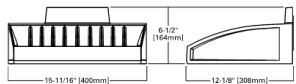
GWC GALLEON WALL

1-2 Light Squares
Solid State LED

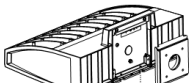
WALL MOUNT LUMINAIRE

WaveLinx

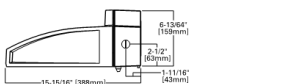
DIMENSIONS



HOOK-N-LOCK MOUNTING



BATTERY BACKUP AND THRU-BRANCH BACK BOX



*www.designlights.org



CERTIFICATION DATA
UL/cUL Listed
LM79 / LM80 Compliant
IP66 Housing
ISO 9001
DesignLights Consortium™ Qualified*

ENERGY DATA
Electronic LED Driver
+0.9 Power Factor
-20% Total Harmonic Distortion
120-277V 50/60Hz
347V, 480V 60Hz
-40°C Min. Temperature
40°C Max. Temperature
80°C Max. Temperature (HA Option)

SHIPPING DATA
Approximate Net Weight:
27 lbs. (12.2 kgs.)



McGraw-Edison

Catalog #	GWC-AF-01-LED-E1-SL3-600 DP	Type	
Project	COPENHAGEN	S1	
Comments		Date	
Prepared by	ILLUMINATION SYSTEMS ARIZONA	07/25/19	

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent-pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics
Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Standard with 0-10V dimming. Shipped quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Mounting
STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the

arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.



GLEON GALLEON LED

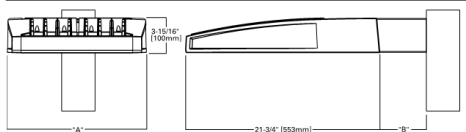
1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE



WaveLinx

DIMENSIONS



Number of Light Squares	A' Width	B' Standard Arm Length	B' Optional Arm Length 1	Weight with Arm (lbs.)	EPA with Arm 1 (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.60
7-8	27-5/8" (702mm)	7" (178mm)	10" (254mm)	64 (24.5 kgs.)	1.67
9-10	33-3/4" (857mm)	7" (178mm)	10" (254mm)	83 (28.6 kgs.)	1.72

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.



*www.designlights.org



CERTIFICATION DATA
3G Vibration Rated
DesignLights Consortium™ Qualified*
IP66 Rated
ISO 9001
LM79 / LM80 Compliant
UL/cUL Wet Location Listed

ENERGY DATA
Electronic LED Driver
+0.9 Power Factor
-20% Total Harmonic Distortion
120-277V 50/60Hz
347V, 480V 60Hz
-40°C Min. Temperature
40°C Max. Temperature
80°C Max. Temperature (HA Option)



TDS16012EN
July 23, 2019 2:40 PM

FIXTURE TYPE 'S1'

SCALE: NONE

McGraw-Edison

Catalog #	GWC-AF-01-LED-E1-T4FT DP	Type	
Project	COPENHAGEN	S2	
Comments		Date	
Prepared by	ILLUMINATION SYSTEMS ARIZONA	07/25/19	

DESCRIPTION

The Galleon™ Wall LED luminaire's appearance is complementary with the Galleon area and site luminaire bringing a modern architectural style to lighting applications. Flexible mounting options accommodate wall surfaces in both an upward and downward configuration. The Galleon family of LED products deliver exceptional performance with patented, high-efficiency AccuLED Optics™ providing uniform and energy conscious lighting for parking lots, building and security lighting applications.

SPECIFICATION FEATURES

Construction
Driver enclosure thermally isolated from optics for optimal thermal performance. Heavy wall aluminum housing die-cast with integral external heat sinks to provide superior structural rigidity and an IP66 rated housing. Overall construction passes a 1.5G vibration test to ensure mechanical integrity. UPLIGHTING: Specify with the UPL option for inverted mount upright housing with additional protections to maintain IP rating.

Optics
Choice of thirteen patented, high-efficiency AccuLED Optics. The optics are precisely designed to shape the distribution and maximize efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K, 5000K

and 6000K CCT. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 1200mA, 800mA, and 600mA drive currents.

Electrical
LED drivers are mounted for ease of maintenance. 120-277V 50/60Hz, 347V or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Drivers are provided standard with 0-10V dimming. An optional Eaton proprietary surge protection module is available and designed to withstand 10kV of transient line surge. The Galleon Wall LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Emergency egress options for -20°C ambient environments and occupancy sensor available.

Mounting
Gasketed and zinc plated rigid steel mounting attachment fits directly to 4" j-box or wall with the Galleon Wall "Hook-N-Lock" mechanism for quick installation. Secured with two captive corrosion resistant black oxide coated allen head set screws which are concealed but accessible from bottom of fixture.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty
Five-year warranty.



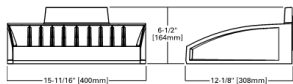
GWC GALLEON WALL

1-2 Light Squares
Solid State LED

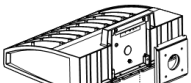
WALL MOUNT LUMINAIRE

WaveLinx

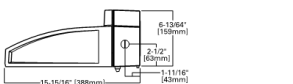
DIMENSIONS



HOOK-N-LOCK MOUNTING



BATTERY BACKUP AND THRU-BRANCH BACK BOX



*www.designlights.org

FIXTURE TYPE 'S2'

SCALE: NONE

DESCRIPTION

Surface 8-inch shallow lens LED medium and wide distribution downlight is available in multiple lumens and optical distribution combinations. Chose between 3000K, 3500K or 4000K CCT in the field with seleCCTable™ technology. Suitable for commercial new construction or renovation work. Coordinated recessed versions are also available. Use for general area lighting where high efficiency and long life are required.

SPECIFICATION FEATURES

MECHANICAL Housing
One piece spun aluminum surface mount housing is available in powder coat matte white and matte black and the painted metallic silver finishes. May be used for new construction or renovation work.

Mounting
Provided with mounting pattern for direct installation to 3-1/4" and 4" octagonal or 4" square junction box.

Retention
Module retained with two torsion springs holding the LED module tight to the housing.

ELECTRICAL Driver
Integral UNV 120 - 277V 50/60 Hz constant current driver provides noise free operation. Continuous, flicker-free dimming from 100% to 1% using 0 - 10V analog control.

Shielding
Field interchangeable lenses available in medium and wide distributions. Optional field installed wall wash optic provides 360° rotation, allowing for the housing to be installed in any orientation.

Optical LED Module
Self-flanged aluminum housing maximizes thermal performance. LED array uses a plurality of mid-power surface mount LED packages delivering high flux and excellent efficiency. Switch selectable 3000K, 3500K or 4000K CCT reduces ordering complexity and provides flexibility in the field. Color point accuracy within 3 SDCM and 80 CRI minimum provides color quality and uniformity. Passive thermal management achieves L70 at 50,000 hours. Integral connector allows quick connection during installation.

COMPLIANCE
- cULus Listed/Classified, wet location labeled for covered ceilings.
- IP65 rated
- EMI/RFI emissions per FCC 47CFR Part 18 non-consumer limits.
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08 and LM-30-15.
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used to comply with California Title 24 Non-Residential Lighting Controls requirements as a LED Luminaire.
- ENERGY STAR® Certified. See energystar.gov website for current information.

WARRANTY
Limited 5-year warranty, see website for details.
www.eaton.com/lighting/egal



PR8S10
PR8S15
PR8S20
PR8S30
PR8S40

PR8M12
PR8M34

1000, 1500, 2000,
3000 & 4000
Lumen Series

8-Inch Shallow Lens
LED Surface Downlight

Medium, Wide &
Wall Wash Distribution

seleCCTable™



TDS17012EN
6/20/2019

FIXTURE TYPE 'S5'

SCALE: NONE



TDS17012EN
6/20/2019

Lumens	1000 Series	2000 Series	4000 Series
Input Voltage	120V 277V	120V 277V	120V 277V
Input Current	0.09A 0.04A	0.18A 0.08A	0.36A 0.16A
Input Power	10.5W 11.2W	22W 22.5W	43.5W 43W
THD: < 20%			
PF: > 0.90			
T Ambient -30 - +40°C			
Sound Rating < 22dba			

Lumens	1000 Series	2000 Series	4000 Series
Input Voltage	120V 277V	120V 277V	120V 277V
Input Current	0.125A 0.06A	0.24A 0.10A	0.48A 0.20A
Input Power	15W 15.5W	28.5W 28.5W	57W 57W

Lumens	1000 Series	2000 Series	4000 Series
Input Voltage	120V 277V	120V 277V	120V 277V
Input Current	0.125A 0.06A	0.24A 0.10A	0.48A 0.20A
Input Power	15W 15.5W	28.5W 28.5W	57W 57W

McGraw-Edison

Catalog #	GLEON-AF-03-LED-E1-SL3-HSS DP	Type	
Project	COPENHAGEN	S3	
Comments		Date	
Prepared by	ILLUMINATION STSYEMS ARIZONA	07/25/19	

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated and UL/cUL Listed for wet locations.

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent-pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics
Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 600mA, 800mA and 1200mA drive currents (nominal).

Mounting
STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the

arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.



GLEON GALLEON LED

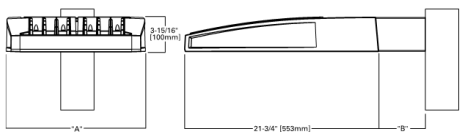
1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE



WaveLinx

DIMENSIONS



Number of Light Squares	A' Width	B' Standard Arm Length	B' Optional Arm Length 1	Weight with Arm (lbs.)	EPA with Arm 1 (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.60
7-8	27-5/8" (702mm)	7" (178mm)	10" (254mm)	64 (24.5 kgs.)	1.67
9-10	33-3/4" (857mm)	7" (178mm)	10" (254mm)	83 (28.6 kgs.)	1.72

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.



*www.designlights.org



CERTIFICATION DATA
3G Vibration Rated
DesignLights Consortium™ Qualified*
IP66 Rated
ISO 9001
LM79 / LM80 Compliant
UL/cUL Wet Location Listed

ENERGY DATA
Electronic LED Driver
+0.9 Power Factor
-20% Total Harmonic Distortion
120V 277V 50/60Hz
347V, 480V 60Hz
-40°C Min. Temperature
40°C Max. Temperature
80°C Max. Temperature (HA Option)

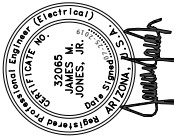


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July 23, 2019 2:40 PM

HISTORICSTREETSCAPES PLLC
ARCHITECTURE/PLANNING/ART/HISTORIC PRESERVATION
17111 E. BROWN ROAD
MESA, ARIZONA 85201

CELL PHONE - 602.209.3524

ARCHITECT



COPENHAGEN EAST VALLEY

2000 SOUTH SAN TAN VILLAGE PARKWAY
GILBERT, ARIZONA 85295

DATE

DESCRIPTION

REV.

PROJECT NO.

1911

DATE

JULY 29th, 2019

DRAWING TITLE

LIGHTING
CUTSHEETS

DRAWING NO.

PH102



DESCRIPTION

Recessed 8-inch shallow lensed LED downlight is available in multiple lumen and optical distribution combinations. Choose between 3000K, 3500K and 4000K CCT in the field with seleCCTable™ technology. Suitable for commercial new construction or renovation work. Coordinated retrofit and surface mount versions are also available. Use for general area lighting where high efficiency and long life are required.

SPECIFICATION FEATURES

MECHANICAL

Frame

Boat shaped galvanized steel frame with adjustable plaster lip accommodates ceilings up to 1/2" - 1-3/4" thick. May be used for new construction or renovation work. Provided with (2) remodel clip to secure frame when installed from below the ceiling.

Mounting Brackets

Bar hanger receivers adjusts 2" vertically from above the ceiling or thru the aperture. Use with No Fuss™ bar hangers or with 1/2" EMT. Removable to facilitate installation from below the ceiling.

No Fuss™ Bar Hangers

Captive preinstalled bar hanger locks to tee grid with a screwdriver or pliers. Centering mechanism allows consistent positioning of fixtures.

OPTICAL

LED Module

Self-flanged aluminum housing maximizes thermal performance. LED array uses a plurality of mid-power surface mount LED packages delivering high flux and excellent efficiency. Switch selectable 3000K, 3500K or 4000K CCT reduces ordering complexity and provides flexibility in the field. Color point accuracy within 3 SDCM and 80 CRI minimum provides color quality and uniformity. Passive thermal management achieves L70 at 50,000 hours. Integral connector allows quick connection to frame/housing flux.

Lumens	1000 Series
Input Voltage	120V 277V
Input Current	0.08A 0.04A
Input Power	10.5W 11.2W
Lumens	3000 Series
Input Voltage	120V 277V
Input Current	0.125A 0.06A
Input Power	15W 15.5W

Lumens	2000 Series
Input Voltage	120V 277V
Input Current	0.18A 0.08A
Input Power	22W 22.5W
Lumens	3000 Series
Input Voltage	120V 277V
Input Current	0.24A 0.10A
Input Power	28.5W 28.5W

Lumens	4000 Series
Input Voltage	120V 277V
Input Current	0.36A 0.16A
Input Power	43.5W 43W
THD: ≤ 20%	
PF: ≥ 0.90	
T Ambient -30 +40°C	
Sound Rating: ≤ 22dba	



PR810
PR815
PR820
PR830
PR840

PR8M12
PR8M34

1000, 1500, 2000,
3000 & 4000
Lumen Series

8-Inch Shallow Lens
LED Recessed
Downlight

Medium, Wide &
Wall Wash Distribution

seleCCTable™



TD517010EN
5/20/2019

Lumark

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Construction

Heavy-duty, die-cast aluminum housing provides durability and an IP66 rating to protect against moisture and contaminants. Clear tempered glass lens protects optic and encloses the front cover of the luminaire.

Optics

The discrete LED optics provide illumination that has been precisely designed to shape the distribution as spot, medium, or wide. Multiple lumen packages ranging from 550 up to 2,900 lumens. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 5000K CCT or 3000K CCT available. Removable, pre-installed standard symmetric snoot as well included and field-replaceable with included extended visor for more cut-off applications.

Electrical

LED driver is internally mounted for optimal heat sinking. 120-277V 50/60Hz standard operation. Integral 4KV surge is standard. 0-10V dimming is standard with external purple and grey leads. Suitable for ambient temperatures from -40°C to 40°C. 90% lumen maintenance greater than 60,000 hours per IESNA TM-21.

Mounting

Heavy-duty, die-cast aluminum knuckle base utilizes tooth-lock adjustment with visual 15° adjustment indicators that allow for precise rotation of the luminaire. Knuckle fits 1/2" NPS available mounting junction box cover (supplied by others) and is secured with supplied locking nut.

Finish

Housing and cast parts finished in five-stage super TGIC polyester powder coat paint. 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is carbon bronze. Additional colors available in summit white, black, and verde green. Consult your lighting representative at Eaton for a complete selection of standard colors.

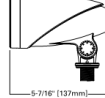
Warranty

Five-year warranty.

DIMENSIONS

Tracer Small

(Standard symmetric snoot)



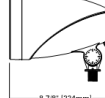
Tracer Small

(Optional extended visor)



Tracer Large

(Standard symmetric snoot)



Tracer Large

(Optional extended visor)



TCRS / TCRL
TRACER FLOOD

Solid State LED

FLOODLIGHT

CERTIFICATION DATA
UL/ULS, Wet Location Listed
IP66 Fixture and Optical Chamber
LM79/LM80 Compliant
FCC Class A
1.5% Vibration Rated
RoHS Compliant
ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
>20% Total Harmonic Distortion
120-277V 50/60Hz
-40°C Max. Ambient Temperature Rating
+40°C Max. Ambient Temperature Rating
EPA
Effective Projected Area (Sq. Ft.): 0.55
SHIPPING DATA
Approximate Net Weight:
Small fixture=2 lbs. (0.91kgs.)
Large fixture=8 lbs. (2.27kgs.)



TD606032EN
June 6, 2019 2:28 PM

DESCRIPTION

The LuxeScape Collection presents a contemporary, architectural dayform providing superior uniformity and efficient illumination. Designed to enhance urban spaces with beautiful visual appearances and integral control solutions, LuxeScape integrates into any environment while providing high visibility by utilizing industry-leading WaveStream™ LED optics.

SPECIFICATION FEATURES

Construction

Housing assembly is IP66 rated and cast from low copper content corrosion resistant aluminum, maintaining strength and precision to sustain long term dayform appearance. 3G rated construction avoids damages from installation generated vibration. Corrosion-resistant color matching hardware are minimized to enhance appearance.

Optics

Designed for complex site or pedestrian applications, WaveStream™ LED optical waveguide technology produces both symmetric NEMA Type V and asymmetric NEMA II, III, IV distributions. The waveguide is manufactured from precision injection molded acrylic delivering visual comfort and optically controlled illumination for improved glare control. Luminaire efficacy measures in excess of 100 lm/W for 4000K (+/- 275K CCT at 70 CRI (min). Optional 3000K CCT at 70 CRI or 3000K CCT at 80 CRI also available.

Electrical

LED drivers are uniquely positioned and mounted for maximum thermal performance and extended life. Standard 0-10V

dimming drivers and surge protection module are designed to withstand 10kV of transient line surge. Drivers operate at 120-277V 50/60Hz with 347V 60Hz or 480V 60Hz operation optional. Suitable for ambient temperature applications as low as -40°C (40°F) to 40°C (104°F). Limited high ambient options allow for 50°C operation.

Controls

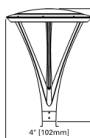
Control options are designed to be simple, cost-effective, energy code, and regulation compliant solutions. Requires a 7-PIN NEMA twistlock photocontrol receptacle. An integrated dimming and occupancy sensor is a stand-alone control option available in On/Off (MS) and bi-level dimming (MS/ DIM) operation. The optional LumaWatt Pro system is a wireless network of luminaire-integral sensors. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication. See control options page for more details.

Mounting

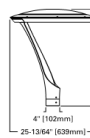
Invue's aluminum round decorative pole (ARP) offering provides a seamless transition and complements the contemporary design architecture

DIMENSIONS

Spider Mount



Cantilever Mount

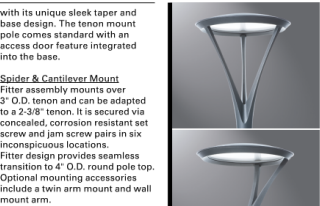


FIXTURE TYPE 'S7'

SCALE: NONE

Invue

Catalog #	Type
Project	
Comments	Date
Prepared by	



LXS LUXESCAPE
COLLECTION

DECORATIVE LUMINAIRE



CERTIFICATION DATA
UL/ULS Listed
FCC Class A
ULC 60529 IP66 Housing
ANSI C136.31 3G Vibration
ASTM A36/Low Copper Alloy
ASTM B117 Salt Spray Test
RoHS
ISO 9001
DesignLights Consortium® Qualified*

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
>20% Total Harmonic Distortion
120-277V 50/60Hz, 347V 60Hz, 480V 60Hz
-40°C Ambient Temperature Rating
As low as -40°C (-40°F) minimum temperature
*See MINIMUM TEMPERATURE table

EPA
Effective Projected Area (Sq. Ft.):
Cantilever Mount: 1.3
Spider Mount: 1.6
SHIPPING DATA
Approximate Net Weight:
Cantilever Mount Weight: 46 lbs. (20.8 kgs.)
Spider Mount Weight: 13 lbs. (5.9 kgs.)



July 23, 2019 12:03 PM

*www.designlights.org

DESCRIPTION

Combining value and performance in a compact, robust design, the Night Falcon low wattage LED floodlight luminaire delivers superior uniformity and excellent illumination to the targeted application. The rugged, die-cast housing is IP66 rated for exceptional durability and long term reliability. Available in several mounting configurations and weighing less than 14 pounds, this fixture provides you with design flexibility while simplifying installation. The low wattage LED floodlight can be wall, ground, or pole mounted, making it ideal for all commercial, industrial, and residential low wattage floodlighting applications.

SPECIFICATION FEATURES

Construction

Heavy-duty, die-cast aluminum housing, driver compartment and driver housing door. The housing, driver compartment and optical chamber are IP66 rated. Access to the driver for maintenance is achieved with a removable driver door using pan head screws. A one-piece silicone gasket seals the door to the fixture housing. Suitable for mounting within 4' (1.2m) of the ground.

Optics

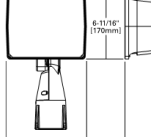
The LED chamber incorporates a vacuum metallized reflector that provides high-efficiency illumination. Optics are precisely designed to shape the wide NEMA type 6H & V distribution, maximizing efficiency and application spacing. A 3H x 3V distribution is available for lighting tall, narrow surfaces. Clear glass tempered lens with full circumference form-in-place silicone gasket protects the optics from damage. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI optional. Optional 5700K CCT, 3000K CCT, 5000K CCT minimum 70 CRI are available.

Electrical

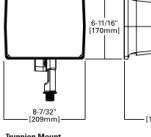
LED driver is mounted to the removable die-cast aluminum door

DIMENSIONS

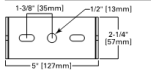
Slipfitter Mount



Knuckle Mount



TRUNNION DRILLING PATTERN



FIXTURE TYPE 'S8'

SCALE: NONE

Lumark

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Construction

Heavy-duty, die-cast aluminum housing, driver compartment and driver housing door. The housing, driver compartment and optical chamber are IP66 rated. Access to the driver for maintenance is achieved with a removable driver door using pan head screws. A one-piece silicone gasket seals the door to the fixture housing. Suitable for mounting within 4' (1.2m) of the ground.

Optics

The LED chamber incorporates a vacuum metallized reflector that provides high-efficiency illumination. Optics are precisely designed to shape the wide NEMA type 6H & V distribution, maximizing efficiency and application spacing. A 3H x 3V distribution is available for lighting tall, narrow surfaces. Clear glass tempered lens with full circumference form-in-place silicone gasket protects the optics from damage. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI optional. Optional 5700K CCT, 3000K CCT, 5000K CCT minimum 70 CRI are available.

Electrical

LED driver is mounted to the removable die-cast aluminum door

for optimal heat sinking and ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. Integral 3kV surge is standard. 10kV MOV surge protection is available. 0-10V dimming driver is standard. Button photocontrols are available in 120V and 208-277V. Suitable for ambient temperatures from -40°C to 40°C. Optional 50°C HA (high ambient) available. 93% lumen maintenance greater than 50,000 hours per IESNA TM-21.

Accessories

Heavy-duty steel top and side visors control glare and spill light. 1/8" thick UV stabilized vandal guard shields glass lens from impact when mounted at low levels. Easy to install wire guard features a heavy-gauge welded construction with corrosion resistant polyester powder coat finish to protect glass from projected objects.

Mounting

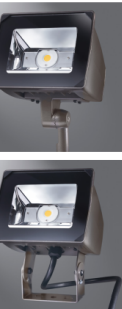
Heavy-gauge steel trunnion-mount utilizes interlocking slide adjustment and is supplied with 3 feet of pre-wired SOV, wet location rated cord. Trunnion base can be lag bolted to any surface and is 3G vibration rated (ANSI C136.31). Heavy-duty, die-cast aluminum knuckle base utilizes

tooth-lock adjustment with visual 5° adjustment indicators that allow for 180° rotation of the luminaire. Knuckle fits 1/2" NPT available mounting junction box cover (supplied by others) and is secured with supplied locking nut and is 1.5G vibration rated. A die-cast aluminum slipfitter with a tooth lock adjustment that can be adjusted in 5° increments is available and is 1.5G vibration rated.

Finish

Housing and cast parts finished in five-stage super TGIC polyester powder coat paint. 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors are carbon bronze. Additional colors available in summit white, white, grey, bronze, black, dark platinum and graphite metallic. Consult your lighting representative at Eaton for a complete selection of standard colors.

Warranty
Five-year warranty.



NFFLD-S
NIGHT FALCON
SMALL

Solid State LED

FLOODLIGHT



CERTIFICATION DATA
UL/ULS, Wet Location Listed
IP66 Fixture and Optical Chamber
LM79/LM80 Compliant
1.5% Vibration Rated - Knuckle Mount
3.0G Vibration Rated - Slipfitter Mount
1.5G Vibration Rated - Trunnion Mount
RoHS Compliant
DesignLights Consortium® Qualified*

ENERGY DATA
Electronic LED Driver
> 0.9 Power Factor
> 20% Total Harmonic Distortion
120V 50/60Hz, 347V 60Hz and 480V 60Hz
-40°C Min. Ambient Temperature Rating
+40°C Max. Ambient Temperature Rating

EPA
Effective Projected Area (Sq. Ft.): 0.55
SHIPPING DATA
Approximate Net Weight:
13 lbs. (6 kgs.)

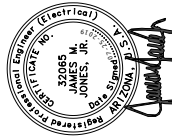


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June 15, 2018 9:21 AM

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MESA, ARIZONA 85201

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CELL PHONE - 602.209.3524

ARCHITECT



COPENHAGEN EAST VALLEY

2000 SOUTH SAN TAN VILLAGE PARKWAY
GILBERT, ARIZONA 85295

DATE

DESCRIPTION

REV.

PROJECT NO.

1911

DATE

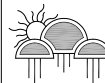
JULY 29th, 2019

DRAWING TITLE

LIGHTING
CUTSHEETS

DRAWING NO.

PH103



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